

AMENDMENTS TO THE CLAIMS:

Please amend the claims as follows:

1-2. (Cancelled)

3. (Previously Presented) The display device of claim 6, wherein a selective transistor is connected between said nonvolatile data holding section and said control line, and a gate of said selective transistor is connected to a selective line.

4-5. (Cancelled)

6. (Currently Amended) A display device, comprising:

a display element;

an MFMIS structure transistor which has a first metal layer, a ferroelectric layer, a second metal layer for gate electrode and an insulator layer provided on a semiconductor layer, a source and drain of said MFMIS structure transistor being connected to said display element and a driving line and said first metal layer being connected to a control line; and

a capacitor connected between said second metal layer and a ground or a write line,

wherein the control data is written to said MFMIS structure transistor by using said control line and said ground or said write line, and

wherein the MFMIS structure transistor maintains a floating state while the control data is written thereto.

7-8. (Cancelled)

9. (Previously Presented) The display device of claim 6, wherein said display element is formed by an organic EL element.

10. (Cancelled)

11. (Currently Amended) A display device, comprising:
a display element;
a MOS transistor, a source and drain of said MOS transistor being connected to said display element and a driving line;
a ferroelectric capacitor connected between a gate of said MOS transistor and a control line; and
a capacitor connected between said gate and a ground or a write line,
wherein the control data is written to said ferroelectric capacitor by using said control line and said ground or said write line, and
wherein said ferroelectric capacitor maintains a floating state while the control data is written thereto.

12. (Previously presented) The display device of claim 11, wherein a selective transistor is connected between said ferroelectric capacitor and said control line, and a gate of said selective transistor is connected to a selective line.

13. (Previously presented) The display device of claim 11, wherein said display element is formed by an organic EL element.

14. (Currently Amended) A display device, comprising:
a display element;
a control element for controlling a voltage or a current to be applied to said display element to drive said display element; and
a nonvolatile data holding section integrated with said control element or connected to said control element and capable of holding control data of said control element in a floating state;
wherein said nonvolatile data holding section is constituted by an element utilizing a magnetoresistance effect or a single electron memory having electrons stored in quatum dot over a barrier region.

15. (Previously presented) The display device of claim 14, wherein said display element is formed by an organic EL element.